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FIG 1

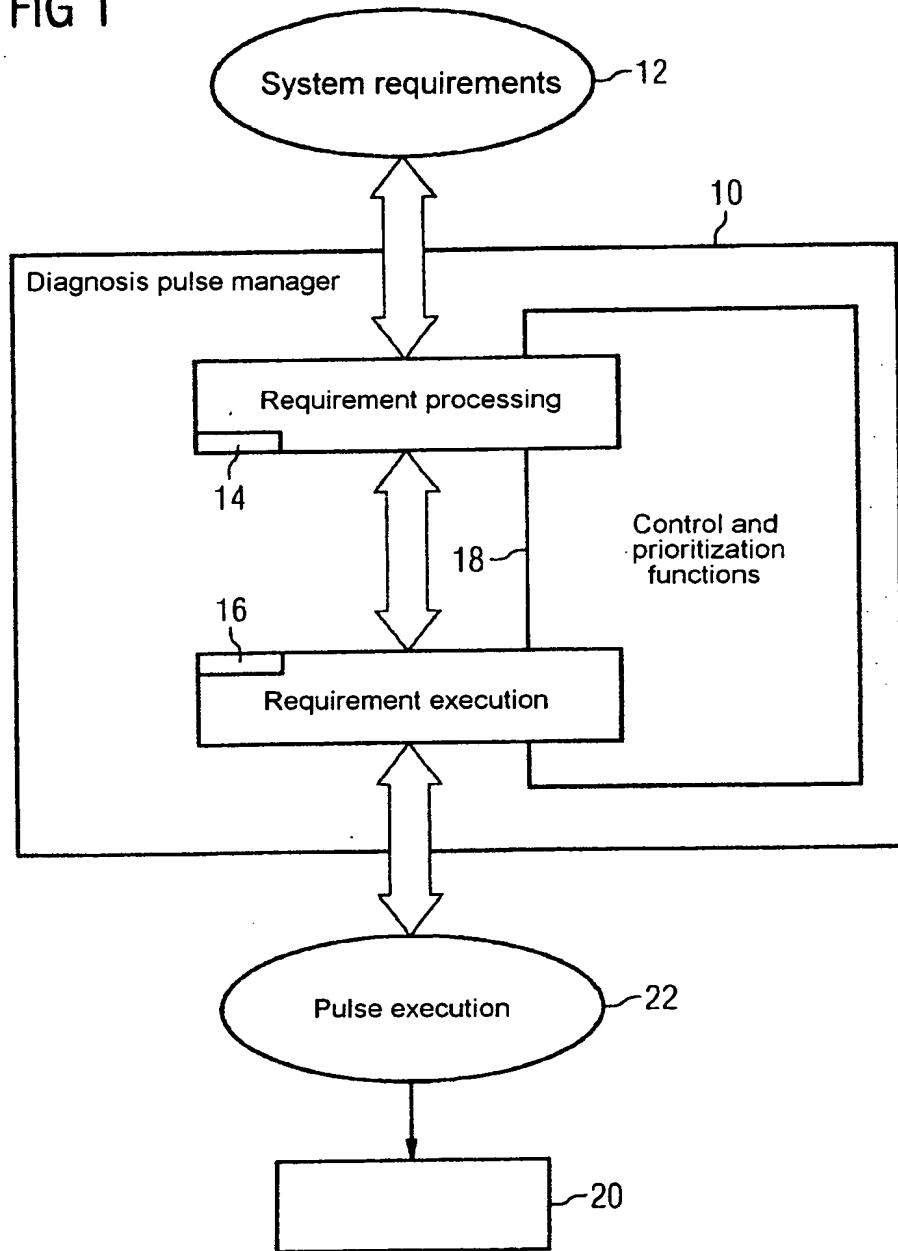


FIG 2A

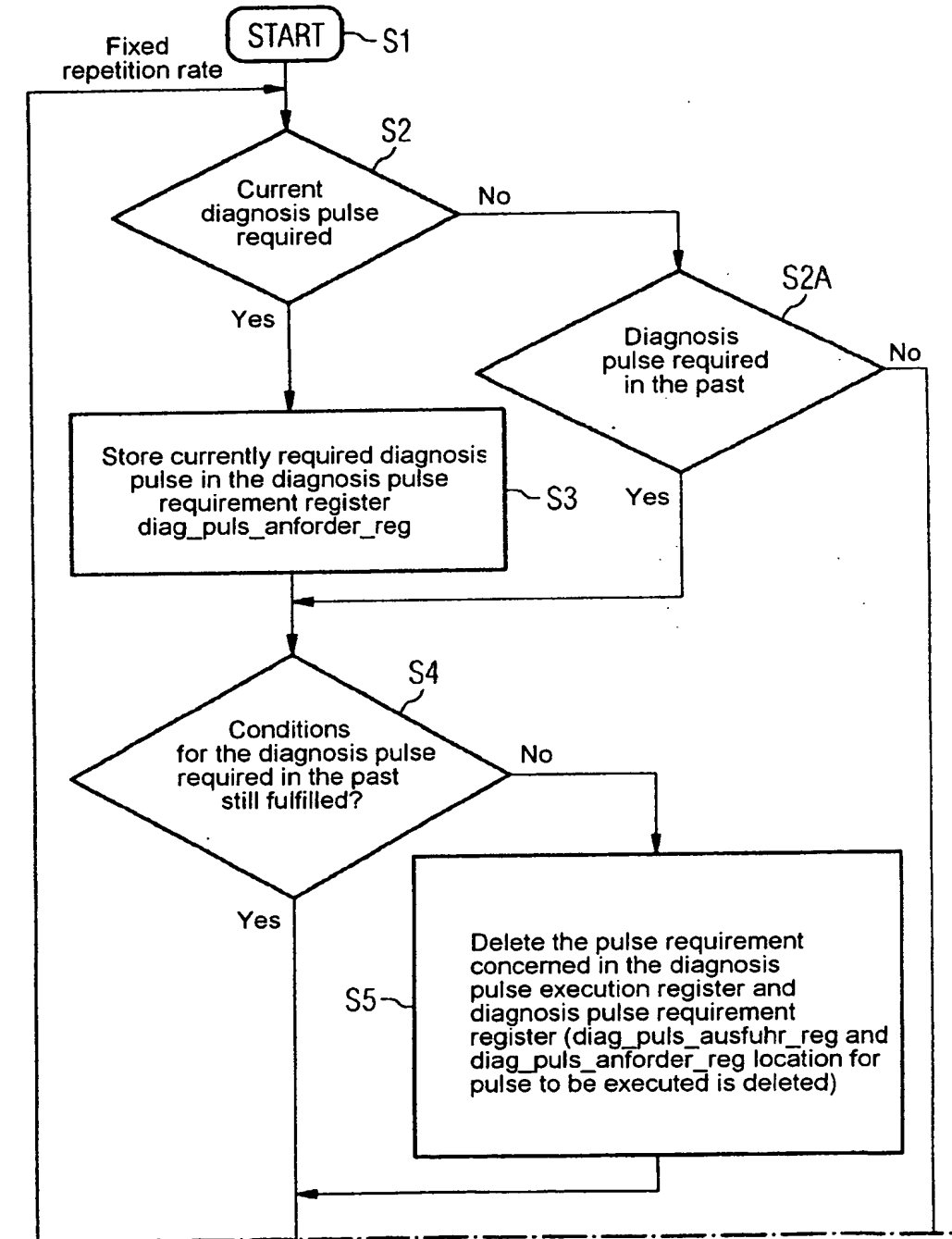


FIG 2B

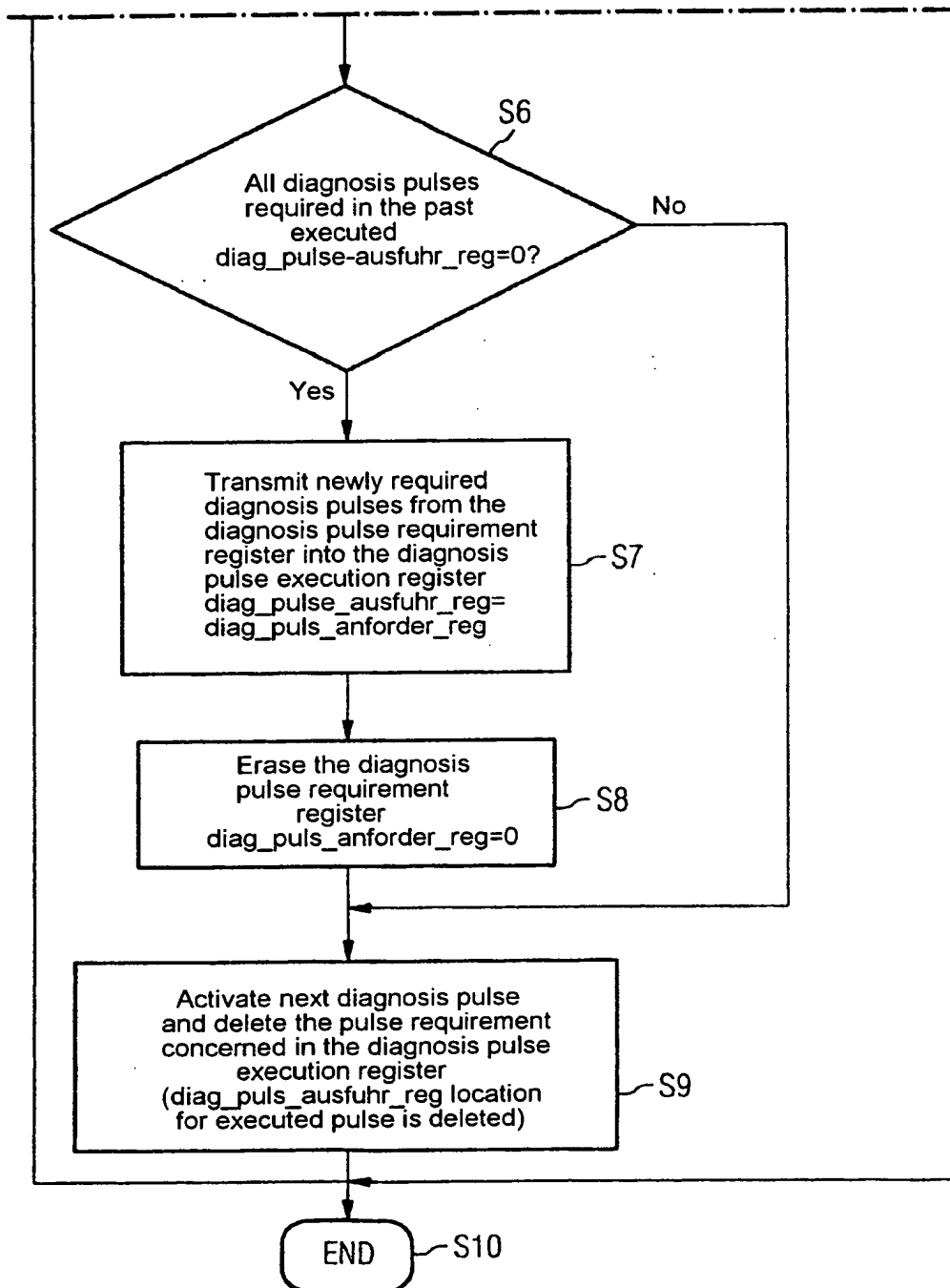
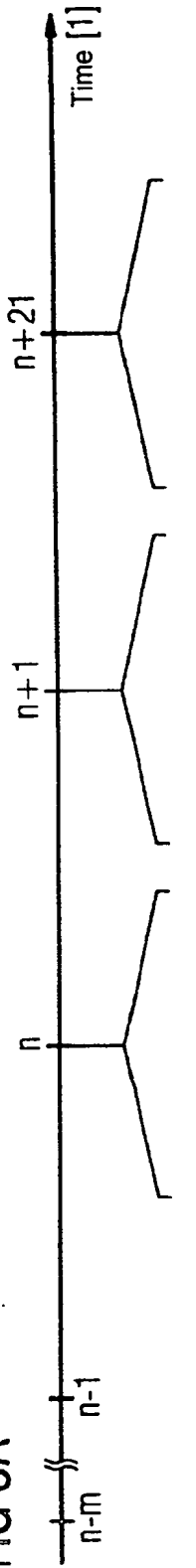


FIG 3A

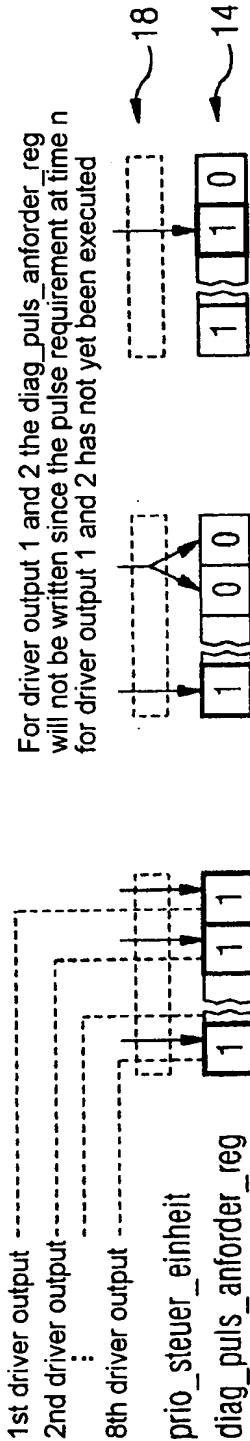


New diagnosis pulse required -> yes for driver output 2

New diagnosis pulse required -> yes for driver output 1, 2 and 8

New diagnosis pulse required -> yes for driver output 1, 2 and 8

S2



Example: Conditions for diagnosis pulses required in the past (point in time $n+1 \dots n-m$) still fulfilled?
for driver output 1 and 8 no
for driver output 2 yes

No action

No action

S3

S4

FIG 3B

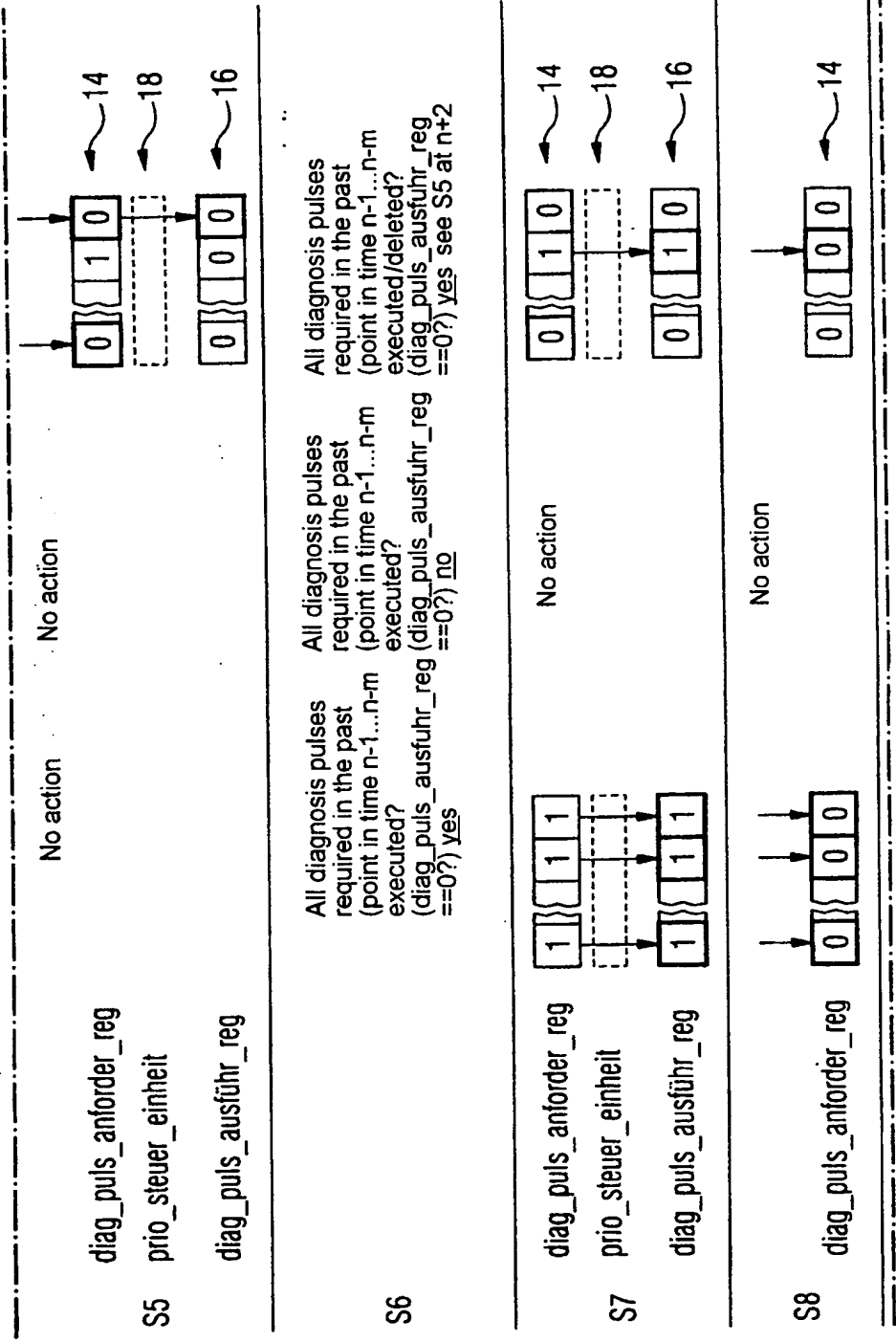


FIG 3C

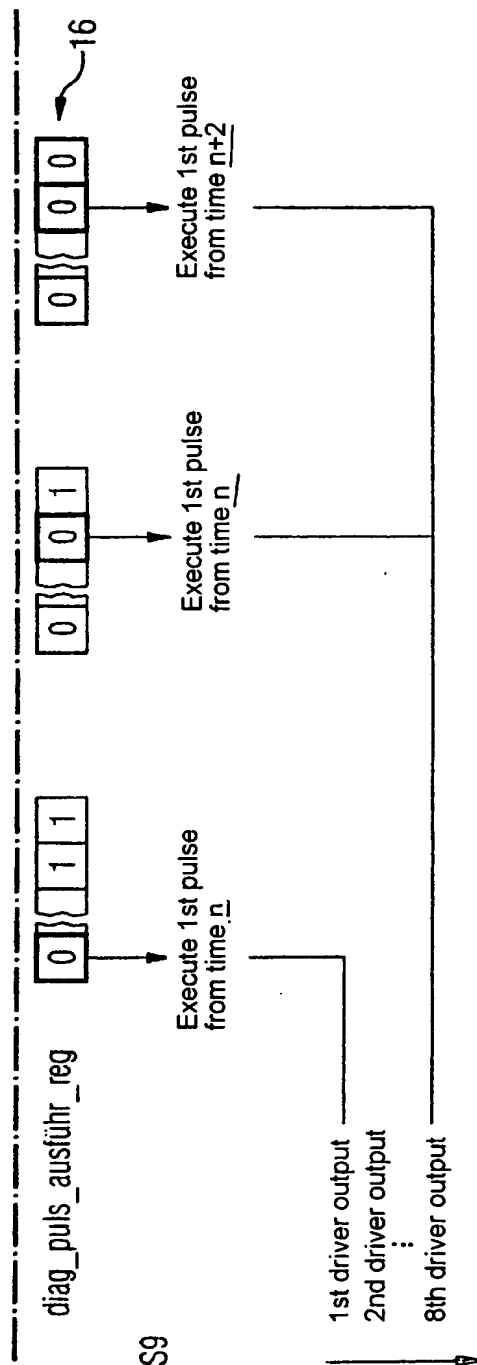


FIG 1

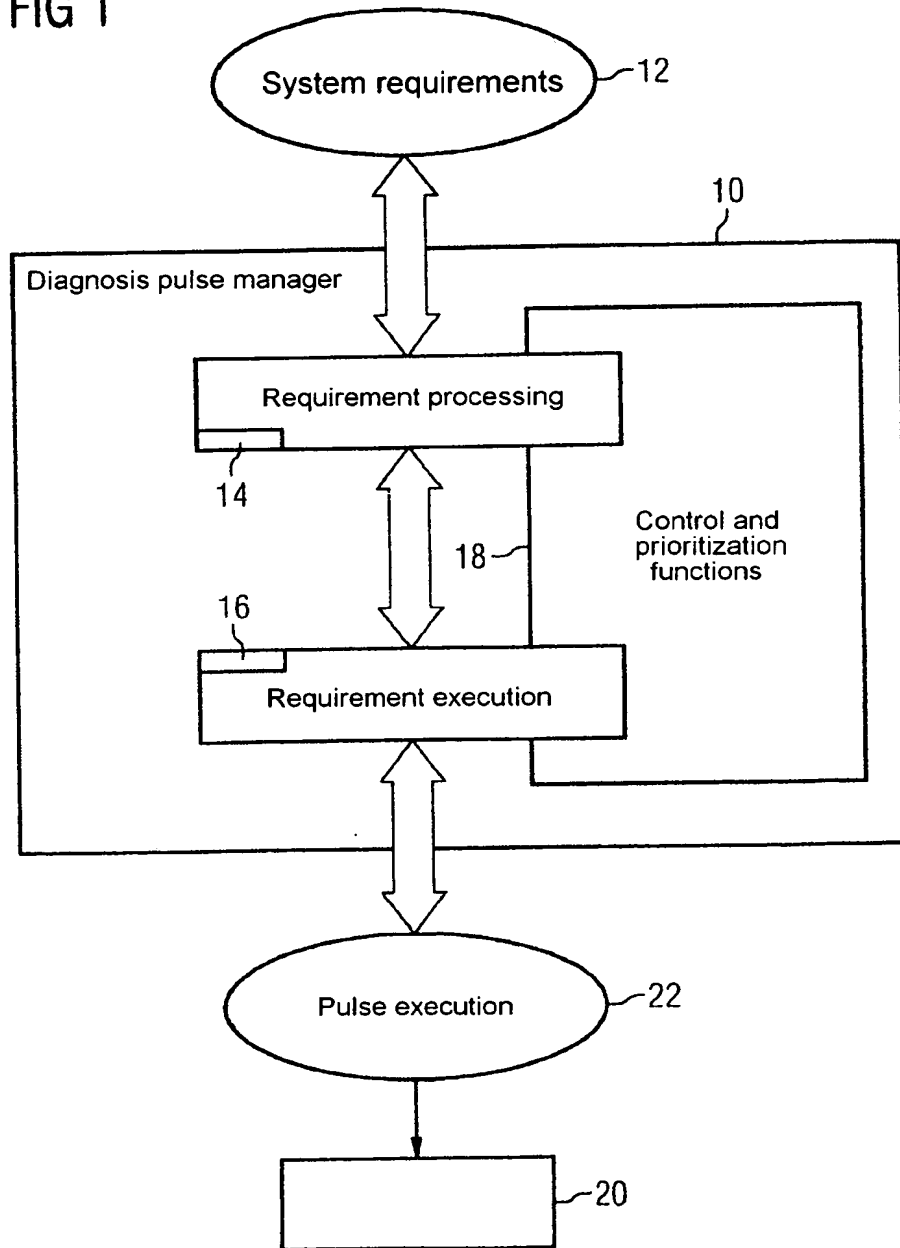


FIG 2A

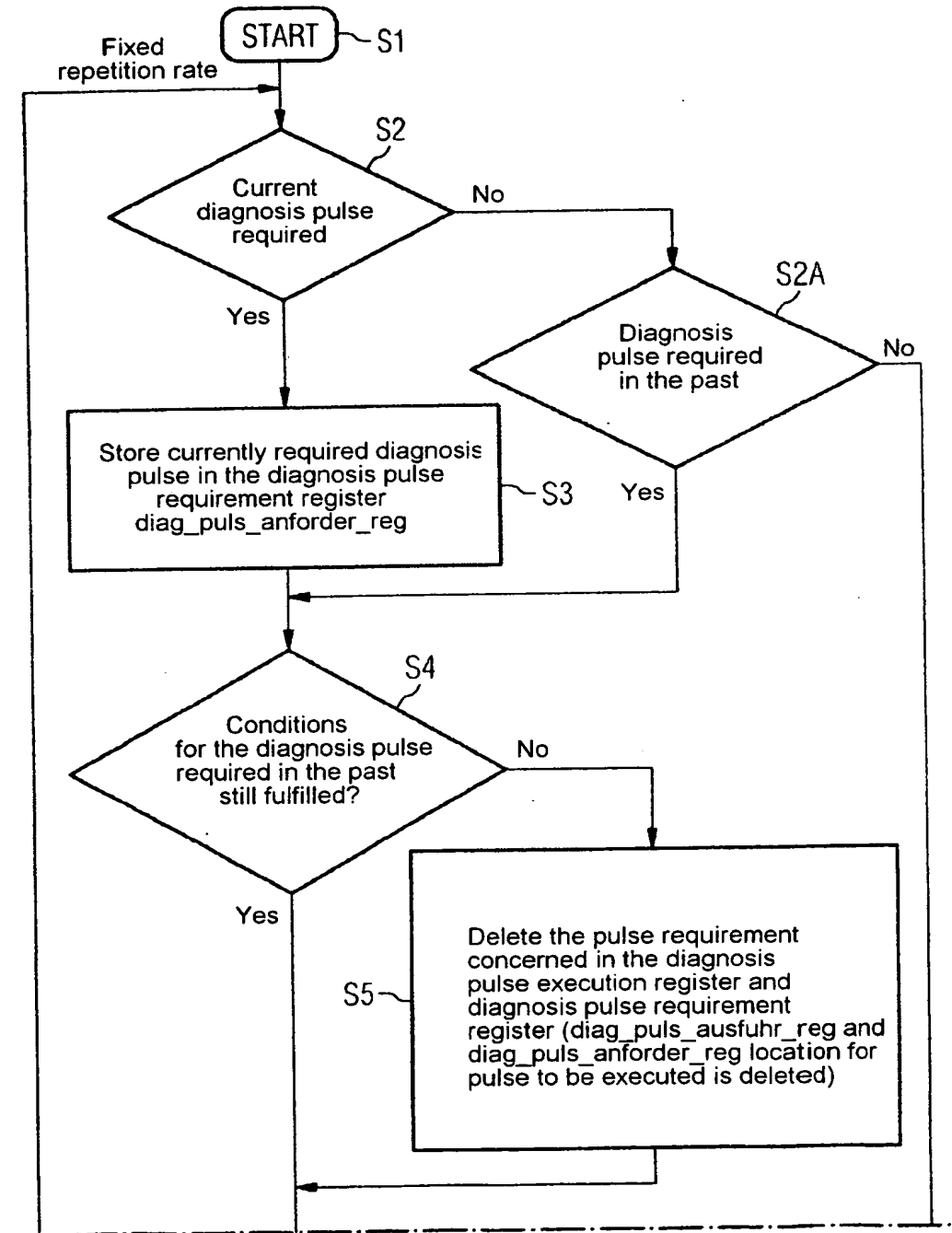


FIG 2B

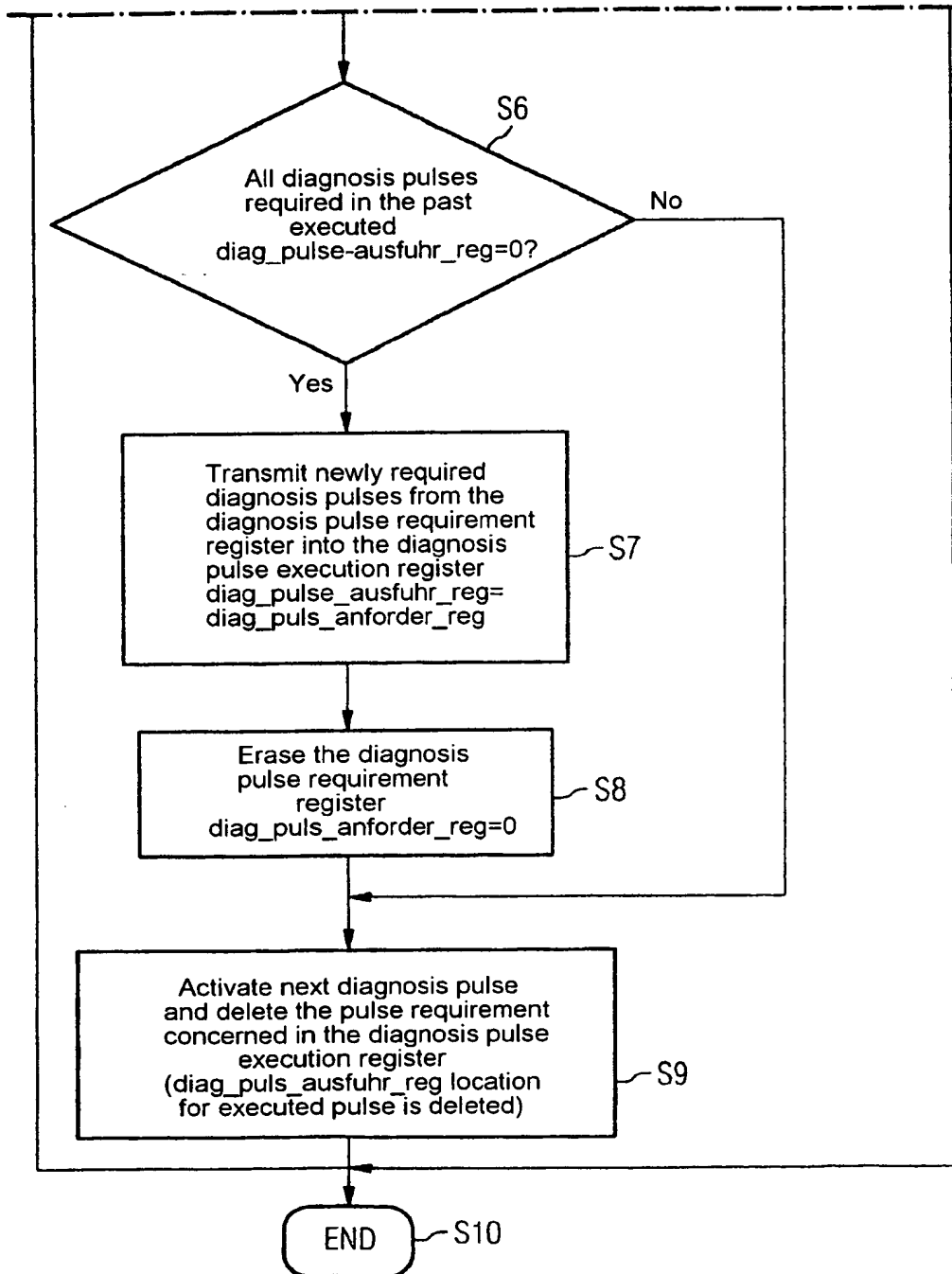
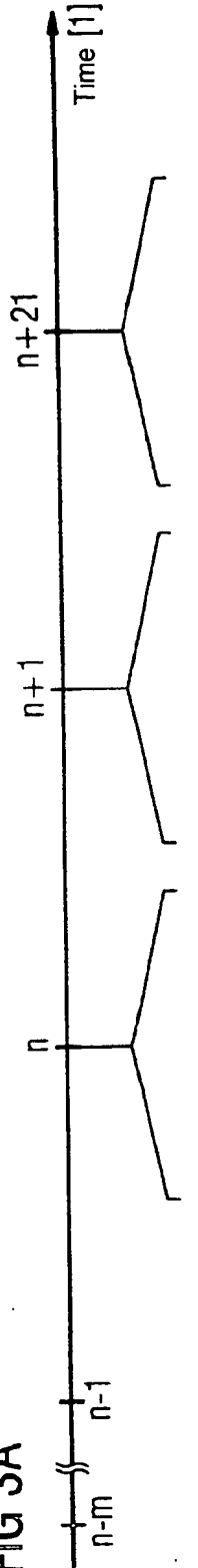


FIG 3A

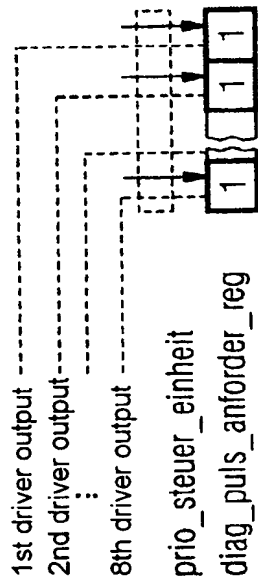


New diagnosis pulse required -> yes for driver output 1, 2 and 8

New diagnosis pulse required -> yes for driver output 1, 2 and 8

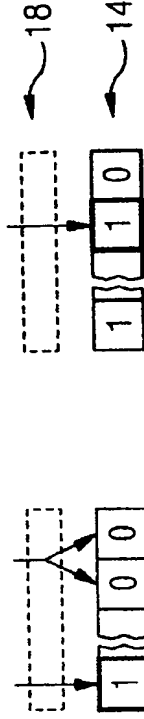
New diagnosis pulse required -> yes for driver output 2

S2



S3

For driver output 1 and 2 the diag_puls_anforder_reg will not be written since the pulse requirement at time n for driver output 1 and 2 has not yet been executed



Example: Conditions for diagnosis pulses required in the past (point in time $n+1 \dots n-m$) still fulfilled?
for driver output 1 and 8 no
for driver output 2 yes

S4

FIG 3B

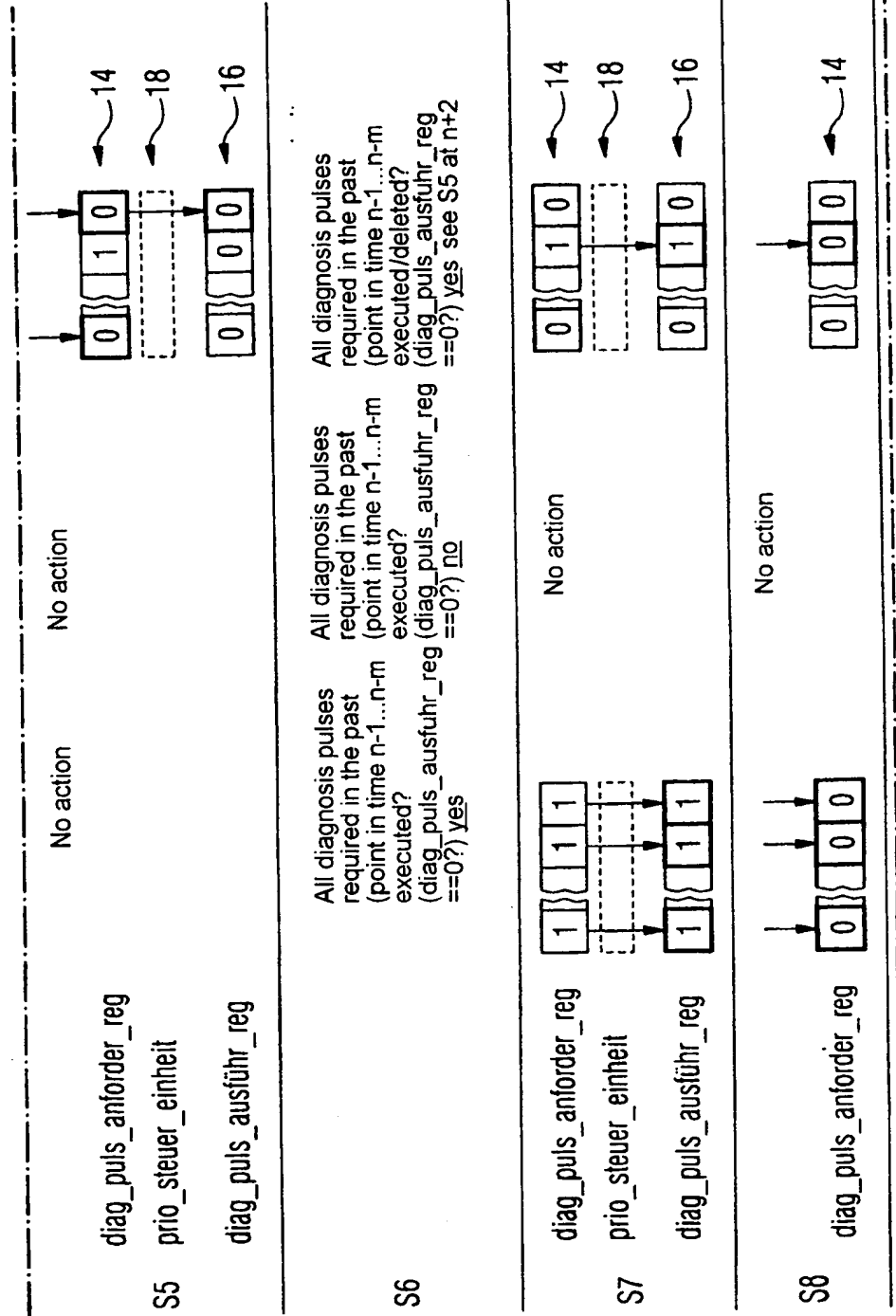


FIG 3C

